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**FACSIMILE COVER SHEET**

DATE: JANUARY 14, 2005

NUMBER OF PAGES (INCLUDING  
THIS TRANSMITTAL COVER SHEET): 10

OUR REFERENCE: 213649

FROM: PAMELA J. RUSCHAU  
REGISTRATION NO. 34,242

DIRECT LINE: 312-616-5600

TO: EXAMINER RICHARD A. ROSENBERGER  
GROUP 2877  
UNITED STATES PATENT AND TRADEMARK OFFICE  
ALEXANDRIA, VA 22313-1450

FACSIMILE: (703) 872-9306

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IN RE APPLN. OF: SMITH  
APPLICATION NO. 10/030,317  
FILED: OCTOBER 19, 2001  
FOR: APPARATUS AND METHOD FOR MEASURING DECAY IN  
INTENSITY OF ELECTROMAGNETIC RADIATION IN  
MULTIPASS SPECTROMETRY  
GROUP ART UNIT: 2877  
EXAMINER: RICHARD A. ROSENBERGER

**MESSAGES:**

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RFOA

In re Application of: Smith  
 Application No. 10/030,317  
 Filed: October 19, 2003  
 For: APPARATUS AND METHOD FOR MEASURING DECAY IN  
 INTENSITY OF ELETROMAGNETIC RADIATION IN  
 MULTIPASS SPECTROMETRY

Mail Stop Non Fee Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a response to an office action in the subject application.

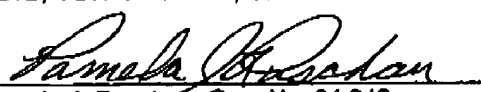
- ☐ Small entity status is claimed for this application under 37 CFR 1.27.
- ☐ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
TIME EXTENSION PETITION FEE			One-month		\$ 0.00		\$110.00	
	subtract time extension fee previously paid		none		(\$ 0.00)		(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDIT. CLAIM FEE	RATE	ADDIT. CLAIM FEE
TOTAL	22	MINUS	22	=0	x 9=	\$	x 18=	\$0.00
INDEPENDENT	2	MINUS	3	=0	x 43=	\$	x 86=	\$0.00
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 145=	\$	+ 290=	\$
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$	TOTAL	\$110.00

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,  
 LEYDIG, VOIT & MAYER, LTD.

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By   
 Pamela J. Ruschau, Reg. No. 34,242

JAN 14 2005

RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2877PATENT  
Attorney Docket No. 213649  
Client Reference No. F32300US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Smith

Art Unit: 2877

Application No. 10/030,317

Examiner: Rosenberger, Richard A.

Filed: October 19, 2001

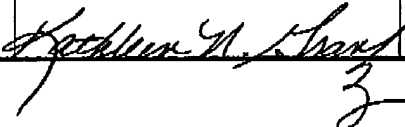
For: APPARATUS AND METHOD FOR  
MEASURING DECAY IN INTENSITY  
OF ELECTROMAGNETIC  
RADIATION IN MULTIPASS  
SPECTROMETRY

## RESPONSE TO OFFICE ACTION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated October 5, 2004, please enter the following  
amendments and consider the following remarks.

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8			
I hereby certify that this Response to Office Action and all accompanying documents are, on the date indicated below, <input type="checkbox"/> being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or <input checked="" type="checkbox"/> being facsimile transmitted to the U.S. Patent and Trademark Office, Attention: Examiner Richard A. Rosenberger, Art Unit 2877, Facsimile Number 703-872-9306			
Name (Print/Type)	Kathleen N. Grantz		
Signature		Date	January 14, 2005